EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|--|------------------------|---------------------|---------|---------------------|
| L1 | 682 | 707/640,647,653,654,822.ccls. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L2 | 1 | "10585622" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L3 | 316 | 707/640,647,653,654.ccls. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L4 | 2364 | 707/999.204.ccls. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L5 | 2664 | L3 L4 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L6 | 9 | ((SYOUZOU) near2 (NIWATA)).INV. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L7 | 28 | ((YOSHIHIRO) near2 (YANO)).INV. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L8 | 29 | L6 L7 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L9 | 6 | L8 and backup | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L10 | 162 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near5 (register\$3 select\$3 choos\$3 choice request\$3) near5 (application program software) near5 (user operator admin person people) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L11 | 5090514 | @ad < "20040126" or @rlad < "20040126" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L12 | 83 | L10 and L11 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L13 | 327 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near10 (stor\$3 sav\$3) near5 (register\$3 select\$3 choos\$3 choice request\$3) near5 (application program software) near10 (user operator admin person people) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |

| L14 | 186 | L13 and L11 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
|-----|---------|--|------------------------|----|----|---------------------|
| L15 | 162 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near5 (data file object) near5 (application program software) same (register\$3 select\$3 choos\$3 choice request\$3) near5 (application program software) near10 (user operator admin person people) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L16 | 86 | L15 and L11 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L17 | 1007 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (file) near10 (register\$3 select\$3 choos\$3 choice request\$3) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L18 | 6 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (file) near10 (register\$3 select\$3 choos\$3 choice request\$3) near3 (application program software) near10 (file near3 extension) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L19 | 39 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (file) near10 (register\$3 select\$3 choos\$3 choice request\$3) near3 (application program software) near10 (file near3 (extension suffix type)) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L20 | 5090514 | @ad < "20040126" or @rlad < "20040126" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L21 | 10 | L19 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L22 | 2774 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (file data) near10 (register\$3 select\$3 choos\$3 choice request\$3) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L23 | 37 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (file) near10 "based" near10 (register \$3 select\$3 choos\$3 choice request \$3) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L24 | 21 | L23 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |

| L25 | 18 | L24 not L21 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
|-----|------|--|------------------------|----|----|---------------------|
| L26 | 162 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near5 (data file object) near5 (application program software) same (register\$3 select\$3 choos\$3 choice request\$3) near5 (application program software) near10 (user operator admin person people) | US- PGPUB; USPAT | OR | | 2011/03/12 00:00 |
| L27 | 86 | L26 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L28 | 86 | L27 not L24 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L29 | 300 | 707/640,647,652,653.ccls. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L30 | 0 | L27 and L29 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L31 | 2364 | 707/999.204.œls. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L32 | 2643 | L29 L31 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L33 | 9 | L27 and L32 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L34 | 9 | ((SYOUZOU) near2 (NIWATA)).INV. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L35 | 28 | ((YOSHIHIRO) near2 (YANO)).INV. | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L36 | 29 | L34 L35 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L37 | 10 | L36 and (back\$3 adj up backup copy \$3 copies duplicat\$3 replica\$3 mirror \$3) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L38 | 47 | (back\$3 adj up backup copy\$3 copies duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near5 (data file object) near10 (register\$3 choos\$3 choice) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L39 | 29 | L38 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |

| L40 | 29 | L39 not L23 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
|-----|---------|---|------------------------|----|----|---------------------|
| L41 | 6 | (duplicat\$3 replica\$3 mirror\$3) adj5 (data file object) near10 (register\$3) adj5 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L42 | 25 | (duplicat\$3 replica\$3 mirror\$3) near3 (data file object) near10 (register\$3) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L43 | 20 | L42 not L38 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L44 | 5 | L43 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L45 | 5 | (back\$3 adj up backup duplicat\$3 replica\$3 mirror\$3) near5 (specific\$4) adj2 (data file object) near10 (register \$3 specific\$4) adj2 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L46 | 6 | (back\$3 adj up backup duplicat\$3 replica\$3 mirror\$3) near5 (specific\$4 particular\$3 especial) adj2 (data file object) near10 (register\$3 specific\$4 particular\$3 especial) adj2 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L47 | 2 | L46 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L48 | 216 | (back\$3 adj up backup duplicat\$3 replica\$3 mirror\$3) near5 (data file object) near10 (register\$3 specific\$4 particular\$3 especial) adj2 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L49 | 98 | L48 and L20 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L50 | 95 | L49 not (L42 L38) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L51 | 0 | spreading adj2 unit near10 backup adj2 unit | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L52 | 1 | spreading adj2 unit and backup adj2 unit | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L53 | 180 | (duplicat\$3 replica\$3 mirror\$3) near3 (data file object) near10 (register\$3 select\$3 choos\$3 choice) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L54 | 5090514 | @ad < "20040126" or @rlad < "20040126" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |

| L55 | 106 | L53 and L54 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
|-----|---------|--|------------------------|----|----|---------------------|
| L56 | 27 | (duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near3 (data file object) near10 (register\$3 select\$3 choos\$3 choice) near3 (application program software) | US- PGPUB; USPAT | OR | · | 2011/03/12 00:00 |
| L57 | 5090514 | @ad < "20040126" or @rlad < "20040126" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L58 | 20 | L56 and L57 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L59 | 34 | (duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near3 (data file object) with (register\$3 select\$3 choos\$3 choice) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L60 | 18 | L59 not L56 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L61 | 3 | L60 and L57 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L62 | 19 | (duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near3 (data file object) with (monitor\$3) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L63 | 5090514 | @ad < "20040126" or @rlad < "20040126" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L64 | 12 | L62 and L63 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L65 | 1 | file adj extension near5 user near2 file near3 monitor\$3 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L66 | 1 | file adj extension near5 user near3 monitor\$3 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L67 | 19 | (duplicat\$3 replica\$3 mirror\$3) near5 (stor\$3 sav\$3) near3 (data file object) with (monitor\$3) near3 (application program software) | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L68 | 5090514 | @ad < "20040126" or @rlad < "20040126" | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L69 | 12 | L67 and L68 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |
| L70 | 12 | L69 and storage\$1 | US- PGPUB; USPAT | OR | ON | 2011/03/12 00:00 |

| L71 | 9 | ((SYOUZOU) near2 (NIWATA)).INV. | US- PGPUB; USPAT | OR | 3 | 2011/03/12 00:00 |
|-----|----|--|------------------------|----|---|---------------------|
| L72 | 28 | ((YOSHIHIRO) near2 (YANO)).INV. | US- PGPUB; USPAT | OR | | 2011/03/12 00:00 |
| L73 | 29 | L71 L72 | US- PGPUB; USPAT | OR | 3 | 2011/03/12 00:00 |
| L74 | 10 | in a man (man at a m | US- PGPUB; USPAT | OR | 3 | 2011/03/12 00:00 |
| L75 | 6 | L74 and divid\$3 and sav\$3 and stor \$3 and division and unit\$1 | US- PGPUB; USPAT | OR | ₹ | 2011/03/12 00:00 |

EAST Search History (Interference)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|---|--------------------|------------------|---------|------------------|
| L76 | 619 | 707/640,822.ccls. | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:04 |
| L77 | 9 | ((SYOUZOU) near2 (NIWATA)).INV. | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:04 |
| L78 | 28 | ((YOSHIHIRO) near2 (YANO)).INV. | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:05 |
| L79 | 29 | 77 78 | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:05 |
| L80 | 162 | (back\$3 adj up backup copy \$3 copies duplicat\$3 replica \$3 mirror\$3) near5 (stor\$3 sav\$3) near5 (register\$3 select\$3 choos\$3 choice request\$3) near5 (application program software) near5 (user operator admin person people) | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:05 |
| L81 | 6 | (duplicat\$3 replica\$3 mirror \$3) adj5 (data file object) near10 (register\$3) adj5 (application program software) | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:05 |
| L82 | 1 | spreading adj2 unit and backup adj2 unit | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:05 |
| L83 | 19 | (duplicat\$3 replica\$3 mirror \$3) near5 (stor\$3 sav\$3) near3 (data file object) with (monitor\$3) near3 (application program software) | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:05 |

| L84 | 47 | (back\$3 adj up backup copy \$3 copies duplicat\$3 replica \$3 mirror\$3) near5 (stor\$3 sav\$3) near5 (data file object) near10 (register\$3 choos\$3 choice) near3 (application program software) | | OR | ON | 2011/03/12 00:06 |
|-----|--------|--|--------------------|----|----|------------------|
| L85 | 136232 | divid\$3 and sav\$3 and stor \$3 and division and unit\$1 | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:07 |
| L86 | 6 | 84 and divid\$3 and sav\$3 and stor\$3 and division and unit\$1 | US-PGPUB; USPAT | OR | ON | 2011/03/12 00:07 |

3/ 12/ 2011 12:08:07 AM H:\ East\ Workspaces\ 10585622.wsp